

# FGWH-A501-TFD-020

HFC, R-407C, 60Hz, 3- Phase, 460 V

**Availability :**      **Obsolete**

## Mechanical

Unit Height (in):	21.1
Unit Length (in):	25.8
Unit Width (in):	21.8
Ship Weight (lbs):	220.0
Condensor Type:	Water
CopeVap Water Storage:	NA
Liquid Connection Size (in)/Type:	1/2 S
Suction Connection Size (in)/Type:	1-1/8 S
Discharge Line Size(in):	0.50
Water Inlet (in):	3/4 FPT
Water Outlet (in):	7/8 OD
Oil Type:	POE
Oil Recharge Amount (oz):	70

## Electrical

Max Fuse Size:	20
Min Circuit Ampacity:	12.0
Compressor:	CRNQ-050E-TFD-274
Compressor LRA - Low:	
Compressor LRA - High:	65.0
Compressor LRA -	
Compressor RLA:	9.9
Elect Application	1
UL:	
UL File #:	
UL Guide Card:	
Amps Per Motor:	
Fan Motor Quantity:	1.00

## Water- Cooled Unit Performance

Release Date:	07-Mar-2011	Return Gas Temp. (°F):	65
Compressor:	CRNQ-050E-TFD-274 x    1	Subcooling (°F):	5
Performance No:	8135	Condenser Water Inlet Temp.(°F)	75.0
		Water Temp Diff.(°F)	20

  

105°F Condensing Temperature			
<u>Evap Temp</u> <u>(°F)</u>	<u>Unit Capacity</u> <u>(Btu/hr)</u>	<u>Cond Water</u> <u>(gal/min)</u>	<u>(psi)</u>
0	18,100	2.5	1.7
5	22,200	3.0	1.7
10	26,800	3.6	1.8
15	31,800	4.2	1.9
20	37,400	4.9	2.1
25	43,400	5.6	2.3
30	49,900	6.4	2.6
35	56,900	7.2	3.0
40	64,300	8.0	3.5
45	72,300	9.0	4.1